PVI 0649070908122

PVI VeCOAX MiniMod 2 HDMI to Coax Modulator User Manual

Model: 0649070908122 | Brand: PVI ProVideoInstruments
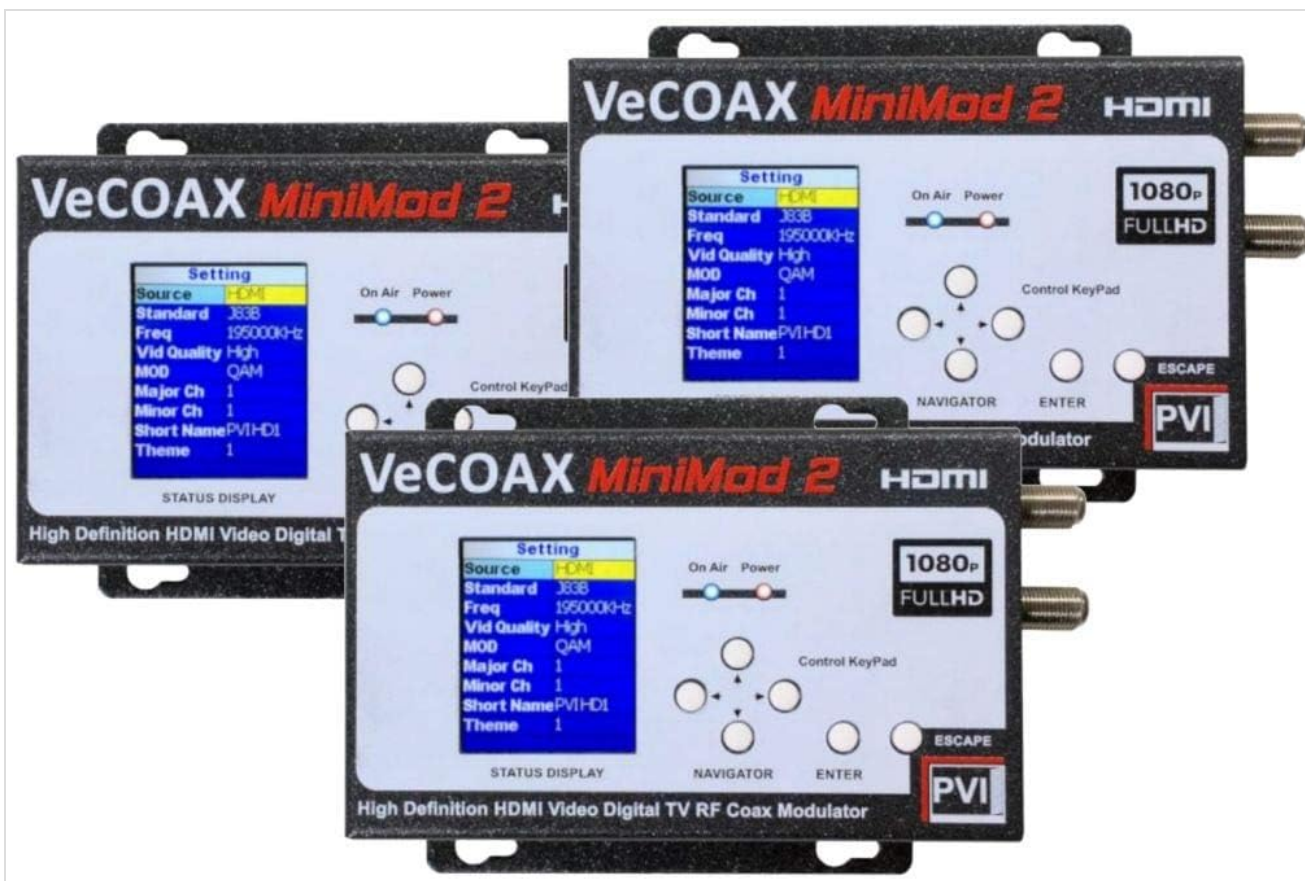
1. INTRODUCTION

The PVI VeCOAX MiniMod 2 is an advanced HDMI to Coax HD RF Modulator designed to convert HDMI video sources into standard HDTV channels. These channels can then be distributed over existing TV coaxial cables, allowing for viewing on all connected televisions without the need for additional accessories behind each TV. This device simplifies the distribution of high-definition video content across various environments, from residential homes to commercial establishments.

Key Features:

- Distributes HDMI video sources to an unlimited number of TVs at any distance.
- Simple Plug N Play installation over existing TV coaxial cables.
- Supports Full HD 1080p Dolby video distribution.
- Allows for easy channel scanning and viewing on all televisions.
- Scalable solution: multiple MiniMod units can be added to create more channels.

2. PRODUCT OVERVIEW

The PVI VeCOAX MiniMod 2 is a compact and robust device engineered for reliable video distribution. Its front panel features an LCD screen for settings display and a control keypad for navigation and configuration.

This image displays three PVI VeCOAX MiniMod 2 HDMI to Coax Modulators. Each unit is a compact black device with a white front panel featuring a blue LCD screen, control buttons (Navigator, Enter, Escape), and indicators for 'On Air' and 'Power'. The screen shows 'Setting' options like 'Source: HDMI', 'Standard: J83B', 'Freq: 195000KHz', 'Vid Quality: High', 'MOD: QAM', 'Major Ch: 1', 'Minor Ch: 1', and 'Short Name: PVIHD1'. The top right corner of each unit indicates '1080p FULLHD'. On the right side, F-type coaxial connectors are visible. The overall image highlights the compact design and the user interface of the modulators.

Components:

- **HDMI Input:** Connects to your HDMI video source.
- **RF Coaxial Output:** Connects to your existing TV coaxial cable network.
- **LCD Display:** Shows current settings and status.
- **Control Keypad:** Used for navigating menus and adjusting settings (Navigator, Enter, Escape buttons).
- **Power Indicator:** Illuminates when the unit is powered on.
- **On Air Indicator:** Illuminates when the modulated signal is being broadcast.

3. SETUP

Before You Begin:

- Ensure you have all necessary cables: HDMI cable for your source, and coaxial cable for your TV network.
- Identify the HDMI source device (e.g., Blu-ray player, set-top box, computer).
- Ensure your TV network is properly terminated and ready to receive new channels.

Connection Steps:

1. **Connect HDMI Source:** Plug one end of an HDMI cable into the HDMI output of your video source device.

Connect the other end of the HDMI cable to the HDMI input port on the VeCOAX MiniMod 2.

2. **Connect to TV Coax Network:** Connect a coaxial cable from the RF output port of the VeCOAX MiniMod 2 to your existing TV coaxial cable network. This can be directly to a TV or into a distribution amplifier/splitter if you are distributing to multiple TVs.

3. **Power On:** Connect the power adapter to the VeCOAX MiniMod 2 and plug it into an electrical outlet. The power indicator light on the unit should illuminate.

4. **Configure Channel (Optional, see Operating Instructions):** If desired, adjust the output channel settings on the MiniMod 2 using the control keypad.

5. **Scan TVs:** On each television connected to the coaxial network, perform a channel scan (or auto-tune) to find the newly modulated HD channel. Refer to your TV's user manual for specific instructions on how to perform a channel scan.

4. OPERATING INSTRUCTIONS

Basic Operation:

Once connected and powered on, the VeCOAX MiniMod 2 will automatically begin modulating the HDMI input signal into an RF channel. The 'On Air' indicator will confirm that the signal is being broadcast. Your TVs should be able to detect this new channel after a scan.

Channel Configuration:

The MiniMod 2 allows for customization of the output channel. Use the control keypad (Navigator, Enter, Escape) to access and modify settings on the LCD display.

- **Navigator Buttons:** Use the directional arrows to move through menu options.
- **Enter Button:** Selects an option or confirms a setting.
- **Escape Button:** Returns to the previous menu or exits the settings.

Common settings you may adjust include:

- **Source:** Typically set to HDMI.
- **Standard:** J83B (common for North American digital cable).
- **Freq (Frequency):** The specific frequency in KHz for the output channel (e.g., 195000KHz).
- **Vid Quality:** High (recommended for optimal video quality).
- **MOD (Modulation):** QAM (Quadrature Amplitude Modulation).
- **Major Ch / Minor Ch:** The major and minor channel numbers for the output (e.g., Major Ch: 1, Minor Ch: 1).
- **Short Name:** A customizable short name for the channel (e.g., PVIHD1).

After making any changes, ensure you save the settings and perform a channel scan on your televisions to detect the updated channel.

5. MAINTENANCE

The PVI VeCOAX MiniMod 2 is designed for minimal maintenance. Follow these guidelines to ensure its longevity:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the unit. Do not use liquid cleaners or abrasive chemicals.
- **Ventilation:** Ensure the unit has adequate ventilation. Do not block any ventilation openings.
- **Environment:** Operate the unit in a dry environment, away from excessive heat, humidity, or direct sunlight.
- **Power:** Disconnect power during electrical storms or when the unit is left unused for long periods.

6. TROUBLESHOOTING

If you encounter issues with your VeCOAX MiniMod 2, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No signal on TV / Channel not found	Incorrect connections, TV not scanned, incorrect modulator settings, HDMI source issue.	Verify all HDMI and coaxial cable connections are secure. Perform a channel scan on your TV. Check the MiniMod 2's display for correct frequency and channel settings. Ensure the HDMI source is active and outputting a signal.
Poor video quality / Intermittent signal	Loose connections, excessive cable length, signal interference, incorrect video quality setting.	Check all cable connections for tightness. Ensure coaxial cables are of good quality. Minimize cable length where possible. Verify the 'Vid Quality' setting on the MiniMod 2 is set to 'High'.
MiniMod 2 not powering on	Power adapter not connected, power outlet issue.	Ensure the power adapter is securely connected to the unit and a working electrical outlet. Try a different outlet.
Cannot change settings on MiniMod 2	Keypad unresponsive.	Ensure the unit is powered on. If unresponsive, try power cycling the device (unplug and replug).

7. SPECIFICATIONS

Feature	Detail
Brand	PVI
Model Number	0649070908122
ASIN	B07G5LD2W3
UPC	649070908122

Feature	Detail
Manufacturer	PVI ProVideoInstruments
Connector Type	HDMI
Cable Type	HDMI
Compatible Devices	Television
Recommended Uses	Home, Hotel, Church, Gym, Schools, Security, Video Distribution
Color	Black
Connector Gender	Male-to-Female
Shape	Round
Number of Pins	19
Unit Count	3 Count (for this specific product package)
Indoor/Outdoor Usage	Indoor, Outdoor
Number of Items	3 (for this specific product package)
Maximum Voltage	1 Volts
Item Weight	4 pounds
Date First Available	August 3, 2018

8. WARRANTY AND SUPPORT

For specific warranty information regarding your PVI VeCOAX MiniMod 2, please refer to the documentation included with your purchase or visit the official PVI ProVideoInstruments website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact PVI ProVideoInstruments customer service directly. Contact information can usually be found on the manufacturer's website or on the product packaging.

Related Documents - 0649070908122

[PVI VeCOAX Compact RF Series Modulator User Manual](#)

This user manual provides comprehensive guidance for the PVI VeCOAX Compact RF Series Modulator, covering installation, setup, product specifications, various digital TV standards (QAM, ATSC, DVB-T, ISDBT, DTMB), and troubleshooting for efficient HD video distribution over coaxial networks.

[VeCOAX ULTRA RF Series User Manual: Professional Digital TV Modulator Guide](#)

Comprehensive user manual for the PVI VeCOAX ULTRA RF Series, detailing setup, configuration, and troubleshooting for professional digital television RF modulation.

[PVI DURAWATT Electric Water Heater Installation, Operation, and Maintenance Manual](#)

Comprehensive guide for PVI DURAWATT electric water heaters, covering installation, operation, maintenance, safety, and troubleshooting. Essential for proper setup and long-term performance.

[PVI Steam Water Heater Start-Up Form and Checklist](#)

Official start-up form and checklist for PVI steam water heaters, ensuring proper installation and warranty verification. Includes sections for general checks, domestic water system, building management, electrical, and steam systems.

[PVI Condensing Water Heater Start-Up Form & Checklist](#)

Official PVI start-up form for condensing water heaters. Includes pre-start-up checks, electrical, gas, combustion, and automation requirements for qualified personnel. Verify installation and operation.

[PVI Singlefold Portable Ramps - Features and Specifications](#)

Explore the features and specifications of PVI Singlefold portable ramps, designed for easy transport and reliable use with wheelchairs and scooters. Includes model details and capacity.